availability of heavy metals in substrates such as soils or culture-solutions.

Abstruct of the Disclosure

A process for reducing plant availability of heavy metals in substrates such as soils is characterized in that the substrates are treated with cross-linked polymethacrylates. The poly(meth) acrylates can be worked into the soils.

Transpiration (Pinus sylvestris) Fig. 1 Behandlungen = treatments Assimilation (Pinus sylvestris) Fig. 2 Behandlungen = treatments Lead absorption (Pinus sylvestris) Fig. 3 Pb-Gehalt (mg/kg Wurzel TG) = Pb content (mg/kg of root dry weight) Behandlungen = treatments Cadmium absorption (Pinus sylvestris) Fig. 4 Cd-Gehalt (mg/kg Wurzel TG) = Cd content (mg/kg of root dry weight) Behandlungen = treatments Kontrolle = Control Fig. 5 Bleigehalt . . . = Lead content in the cell wall (mmol/dm3) Root stock of spruce grown in lead-contaminated soil Fig. 6 treated with Stockosorb (left) in comparison with

untreated control (right)